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(71) Applicant: SONY CORP

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(54) HEAD UNIT AND MAGNETIC RECORDING/REPRODUCING DEVICE

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a head unit and a magnetic recording/reproducing device capable of recording or reproducing information without causing any out-of-track even when a track pitch is narrow and a medium is high density.

SOLUTION: Five head units 10 are arranged on a base 3 of a coarse motion slider 2 in line in the width direction of a magnetic tape in a multi-track head 1. Each head unit 10 consists of a pair of fine motion slider 13 erected on the base 3, a pedestal 15 stuck onto the fine motion slider 13 and a head 18 placed on the pedestal 15. By applying a prescribed voltage between electrodes formed on both surfaces of the piezo-electric element of the fine motion slider 13, the fine motion slider 13 is

bent, and the head 18 is finely moved in the width direction of the magnetic tape. Thus, even when the width of the magnetic tape is expanded/contracted due to a temp. change and the secular change, respective head singles 10 can record/reproduce without causing any out-of-track.

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